

What is claimed is:

1. An electrical cable coating method for providing a coating layer on an outer surface of an electrical cable which is moving along a predetermined direction, the method comprising:

5 jetting a given amount of a coating liquid at regular intervals on the outer surface of the electrical cable to provide a coating layer on the outer surface of the electrical cable, wherein the coating liquid includes a coating material for defining the coating layer and a solvent for dissolving the
10 coating material.

2. The method described in claim 1 further comprising:

15 jetting a given amount of a colorant at the regular intervals on the outer surface of the electrical cable to deposit the colorant on the outer surface, before jetting a given amount of the coating liquid at the regular intervals toward the outer surface of the electrical cable to provide a coating layer on the colorant coated on the outer surface of the electrical cable.

20 3. An electrical cable coating apparatus for providing a coating layer on an outer surface of an electrical cable which is moving along a predetermined direction, the method comprising:

25 a coating liquid jet means for jetting a given amount of a coating liquid at regular intervals on the outer surface of the electrical cable to provide a coating layer on the outer surface of the electrical cable, wherein the coating liquid

includes a coating material for defining the coating layer and a solvent for dissolving the coating material.

4. The apparatus described in claim 3 further comprising:

5 a colorant jetting means disposed upstream from the coating liquid jet means in the cable moving direction for jetting a given amount of a colorant at the regular intervals on the outer surface of the electrical cable,

10 a detection means for measuring a moving speed of the electrical cable,

a storage device for storing a distance between the coating liquid jet means and the colorant jetting means, and

15 a control means for controlling the coating liquid jet means to jet a given amount of a coating liquid on the colorant coated on the outer surface of the electrical cable to deposit the colorant on the outer surface based on the distance and the electrical cable moving speed measured by the detection means.

5. The apparatus described in claim 3 further comprising:

20 a storage means for storing a pattern for depositing the coating liquid on the outer surface of the electrical cable,

a detection means for measuring the moving speed of the electrical cable, and

25 a control means for controlling the coating liquid jet means to jet a coating liquid on the outer surface of the electrical cable to deposit the coating liquid on the outer surface to define

the pattern based on the electrical cable moving speed measured by the detection means.

6. The apparatus described in claim 3, the apparatus
5 is combined with a cutting unit for cutting the electrical cable after the electrical cable is moved as much as a given distance in the predetermined direction.

7. The apparatus described in claims 4, wherein the
10 colorant jetting means can provide a mark on the outer surface of the electrical cable, and the mark includes a plurality of dots disposed in a longitudinal direction of the electrical cable.

8. The apparatus described in claims 7, wherein the mark
15 provided on the outer surface of the electrical cable is covered by the coating liquid to prevent the mark from wearing off with time.